Carrier

OWNER'S MANUAL

AIR CONDITIONER (SPLIT TYPE)

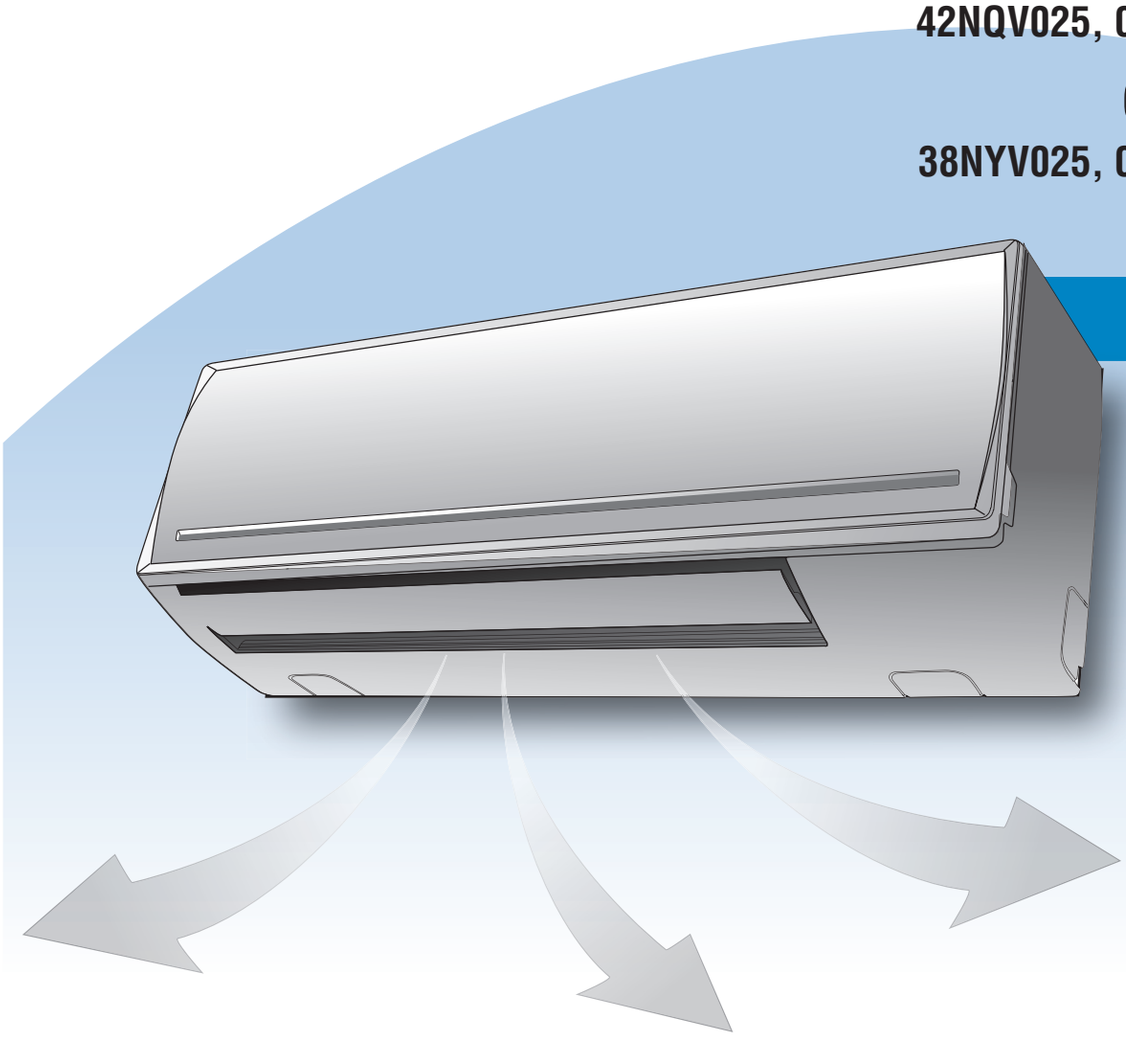
For general public use

Indoor unit

42NQV025, 035, 045 Series

Outdoor unit

38NYV025, 035, 045 Series



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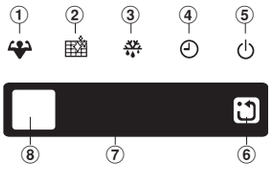
PRECAUTIONS FOR SAFETY

⚠ **DANGER**	• Do not install, repair, open or remove the cover. It may expose you to dangerous voltages. Ask the dealer or the specialist to do this. • Turning off the power supply will not prevent potential electric shock. • The appliance shall be installed in accordance with national wiring regulation. • Means for disconnection from the supply having a contact separation of at least 3 mm in all poles must be incorporated in the fixed wiring.
⚠ **WARNING**	• Do not expose your body directly to cool air for a long time. • Do not insert your finger or any article into the air inlet/outlet. • When an abnormality (burning smell, etc.) occurs, stop the air conditioner and disconnect the power supply or turn off the breaker.
⚠ **CAUTION**	• Do not wash the unit with water. It may cause an electric shock. • Do not use this air conditioner for other purposes such as preserving food, breeding animal, etc. • Do not step or put anything on the indoor/outdoor unit. It may cause an injury or damage the unit. • Do not touch aluminium fin because it may cause an injury. • Before cleaning the unit, turn off the main switch or the circuit breaker. • When the unit won't be used for a long time, turn off the main switch or the circuit breaker. • It is recommended that maintenance be performed by a specialist when the unit has been operated for a long time.

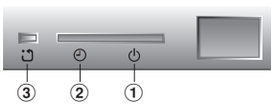
1 INDOOR UNIT DISPLAY

Model: 42NQV025, 035, 045H, 42NQV035, 045M



① Hi POWER (Green)
② FILTER (Orange)
③ DE-FROST (Orange)
④ TIMER (Yellow)
⑤ OPERATION (Green)
⑥ RESET button
⑦ TEMPERATURE display (42NQV025, 035, 045H Only)
⑧ NIGHT LIGHT (42NQV025, 035, 045H Only)

Model: 42NQV025M



① OPERATION (Green)
② TIMER (Yellow)
③ RESET button

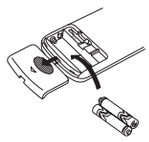
2 PREPARATION BEFORE USE

Preparing Filters

1. Open the air inlet grille and remove the air filters.
2. Attach the filters. (see detail in the accessory sheet).

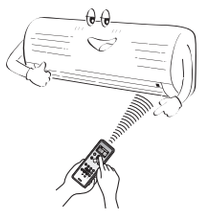
Loading Batteries

1. Remove the battery cover.
2. Insert 2 new batteries (AAA type) following the (+) and (–) positions.



Clock Setup

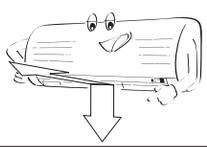
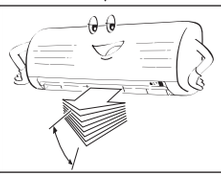
1. Push by tip of the pencil.
2. Press ON or OFF : adjust the time.
3. Press : Set the time.



Remote Control Reset

1. Remove the battery.
2. Press .
3. Insert the battery.

3 AIRFLOW DIRECTION

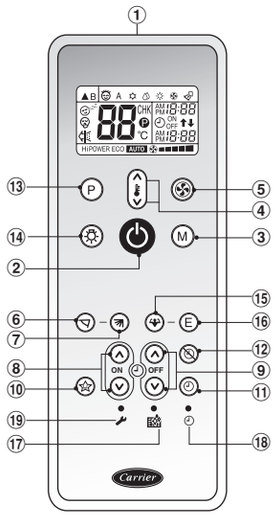
1	Press : Move the louver in the desired vertical direction.	
2	Press : Swing the air automatically and press again to stop.	
3	For horizontal direction, adjust manually.	

Note:

- Do not move the louver manually by others.
- The louver may automation positioning by come operation mode.

4 REMOTE CONTROL

① Infrared signal emitter
② Start/Stop button ( )
③ Mode select button (M)
④ Temperature button ( )
⑤ Fan speed button ( )
⑥ Swing louver button ( )
⑦ Set louver button ( )
⑧ On timer button (ON)
⑨ Off timer button (OFF)
⑩ Sleep timer button ( )
⑪ Setup button ( )
⑫ Clear button ( )
⑬ Memory and Preset button (P)
⑭ Night light button ( ) (42NQV025, 035, 045H Only)
⑮ High power button ( )
⑯ Economy button (E)
⑰ Filter reset button ( )
⑱ Clock Reset button ( )
⑲ Check button ( )



Note: Some models, remote will have text above the buttons.

5 NIGHT LIGHT *(42NQV025, 035, 045H Only)*

Carrier's night light feature has been developed to provide you with a safe & secure lighting solution at almost no cost. This selectable light provides a dim/ unobtrusive light that can increase safety & security for all, but particularly children or the aged. The night light button turns this feature on/off and it operates with less than 10% of the cost of a normal 25w light bulb.

Press : on/off lamp.

6 AUTOMATIC OPERATION

To automatically select cooling, heating, or fan only operation

1. Press M : Select A.
2. Press : Set the desired temperature.

7 COOLING / HEATING / FAN ONLY OPERATION

1. Press M : Select Cool, Heat, or Fan only.
2. Press : Set the desired temperature.
   Cooling: Min. 17°C, Heating: Max. 30°C, Fan Only: No temperature indication
3. Press : Select AUTO, LOW, LOW+, MED, MED+, or HIGH.

8 DRY OPERATION (COOLING ONLY)

For dehumidification, a moderate cooling performance is controlled automatically.

1. Press M : Select Dry.
2. Press : Set the desired temperature.

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9 Hi POWER OPERATION

To automatically control room temperature and airflow for faster cooling or heating operation (except in DRY and FAN ONLY mode)

Press ☞ (⚡) : Start and stop the operation.

10 ECO OPERATION

To automatically control room to save energy (except in DRY and FAN ONLY mode)

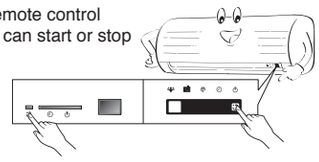
Press ☞ (E) : Start and stop the operation.

Note: Cooling operation; the set temperature will increase automatically 1 degree/hour for 2 hour (maximum 2 degrees increase). For heating operation the set temperature will decrease.

11 TEMPORARY OPERATION

In case of the misplaced or discharged remote control

- Pressing the RESET button, the unit can start or stop without using the remote control
- Operation mode is set on AUTOMATIC operation, preset temperature is 24°C and fan operation is automatic speed.



12 TIMER OPERATION

	Setting the ON Timer	Setting the OFF Timer
1	Press ☞ (ON) : Set the desired ON timer.	Press ☞ (OFF) : Set the desired OFF timer.
2	Press ☞ (🕒) : Set the timer.	Press ☞ (🕒) : Set the timer.
3	Press ☞ (🚫) : Cancel the timer.	Press ☞ (🚫) : Cancel the timer.

Everyday timer allows the user to set both the ON & OFF timers and will be activated on a daily basis.

Setting Everyday Timer

1	Press ☞ (ON) : Set the ON timer.	3	Press ☞ (🕒).
2	Press ☞ (OFF) : Set the OFF timer.	4	Press ☞ (🕒) button during the (⬆ or ⬇) mark flashing.

- During the every day timer is activating, both arrows (⬆ , ⬇) are indicated.

Note:

- Keep the remote control in accessible transmission to the indoor unit; otherwise, the time lag of up to 15 minutes will occur.
- The setting will be saved for the next same operation.

13 PRESET OPERATION

Set your preferred operation for future use. The setting will be memorized by the unit for future operation (except airflow direction).

1. Select your preferred operation.
2. Press and hold ☞ (P) for 3 seconds to memorize the setting. The Ⓟ mark displays.
3. Press ☞ (P) : Operate the preset operation.

14 AUTO RESTART OPERATION

To automatically restart the conditioner after the power failure (Power of the unit must be on.)

Setting

1. Press and hold the RESET button on the indoor unit for 3 seconds to set the operation. (3 beep sound and OPERATION lamp blink 5 time/sec for 5 seconds)
   • Do not operate ON timer and OFF timer.
2. Press and hold the RESET button on the indoor unit for 3 seconds to cancel the operation. (3 beep sound but OPERATION lamp does not blink)

15 SLEEP TIMER OPERATION

To start the sleep timer (OFF timer) operation

Press ☞ (☆) : Select 1, 3, 5 or 9 hrs for OFF timer operation.

16 MAINTENANCE

⚠ Firstly, turn off the circuit breaker.

Filter Reset (Some models only)

FILTER lamp lights on; the filter must be cleaned.
To turn off the lamp, push the RESET button on the indoor unit or the FILTER button on the remote control.

Indoor Unit and Remote Control

- Clean the indoor unit and the remote control with a wet cloth when needed.
- No benzine, thinner, polishing powder or chemically-treated duster.

17 OPERATION AND PERFORMANCE

1. Three-minute protection feature: To prevent the unit from being activated for 3 minutes when suddenly restarted or switched to ON.
2. Preheating operation: Warm up the unit for 5 minutes before the heating operation starts.
3. Warm air control: When the room temperature reaches the set temperature, the fan speed is automatically reduced and the outdoor unit will stop.
4. Automatic defrosting: Fans will stop during defrost operation.
5. Heating capacity: Heat is absorbed from outdoors and released into the room. When the outdoor temperature is too low, use another recommended heating apparatus in combination with the air conditioner.
6. Consideration for accumulated snow: Select the position for outdoor unit where it will not be subjected to snow drifts, accumulation of leaves or other seasonal debris.
7. Some minor cracking sound may occur when unit operating. This is normal because the cracking sound may be caused by expansion/contraction of plastic.

Note: Item 2 to 6 for Heating model

Air conditioner operating conditions

Operation \ Temp.	Outdoor Temperature		Room Temperature
	42NQV025, 035, 045H 42NQV035, 045M	42NQV025M	
Heating	–15°C ~ 24°C	–10°C ~ 24°C	Less than 28°C
Cooling	–10°C ~ 46°C	15°C ~ 43°C	21°C ~ 32°C
Dry	–10°C ~ 46°C	15°C ~ 43°C	17°C ~ 32°C

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18 TROUBLESHOOTING (CHECK POINT)

The unit does not operate.	Cooling or Heating is abnormally low.
• The power main switch is turned off. • The circuit breaker is activated to cut off the power supply. • Stoppage of electric current • ON timer is set.	• The filters are blocked with dust. • The temperature has been set improperly. • The windows or doors are opened. • The air inlet or outlet of the outdoor unit is blocked. • The fan speed is too low. • The operation mode is FAN or DRY.

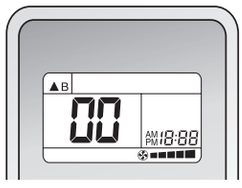
19 REMOTE CONTROL A-B SELECTION

To separate using of remote control for each indoor unit in case of 2 air conditioner are installed nearly.

Remote Control B Setup.

1. Press RESET button on the indoor unit to turn the air conditioner ON.
2. Point the remote control at the indoor unit.
3. Push and hold ✎ button on the Remote Control by the tip of the pencil. “00” will be shown on the display.
4. Press ☞ (M) during pushing ✎. “B” will show on the display and “00” will disappear and the air conditioner will turn OFF. The Remote Control B is memorized.

Note: 1. Repeat above step to reset Remote Control to be A.
2. Remote Control A has not “A” display.
3. Default setting of Remote Control from factory is A.



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